Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 23 Sep 2021 until 23:59 on Friday 24 Sep 2021

Forecast Issued on Wednesday 22 Sep 2021 at 15:51

Confidence: High for spell of strong winds, low confidence in precipitation detail.

Headline for Thursday 23 Sep 2021: Mostly cloudy with occasional sunny spells. Very windy.

Mountain weather hazards on Thursday 23 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Dull	Dull	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
20%	30%	30%	20%	10%	10%	10%	10%

Forecast for Thursday 23 Sep 2021

Weather: Turning cloudy from midnight and thickening up towards dawn with some outbreaks of light drizzle possible. Cloud steadily lifting during the morning and a few sunny spells are possible by the afternoon, most likely towards the east of the park. Very windy throughout the day, gradually easing into the evening.

Chance of cloud free mountain/hill tops above 600m: 50% increasing to 100% by midday.

Visibility: Possibly poor at first with cloud base 500-600m, good for the remainder of the day.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Thursday 23 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/32 SW	27/37 W	31/42 W	28/39 W	26/36 W	19/27 W	16/23 W	17/23 W	20/27 W
300	16/24 SW	18/27 SW	20/31 W	20/31 W	20/30 W	15/23 W	10/17 W	9/15 SW	11/17 SW
Valley	9/21 SW	12/26 W	14/29 W	15/29 W	15/29 W	13/24 W	9/18 W	7/15 W	7/17 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/6	11/6	11/7	10/6	11/7	11/8	10/7	10/7	10/6
300	12/9	13/10	13/10	13/9	14/10	14/11	13/11	12/10	12/10
Valley	12/11	14/12	14/12	14/11	14/12	15/13	14/12	13/12	13/11
Freezing Level*	3200m	2500m	3400m	3300m	3300m	3200m	3100m	3100m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A strong wind will make it feel cold, particularly on exposed western facing slopes. Feeling more pleasant from late afternoon as the wind eases and sunny spells are more widespread.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 22 Sep 2021	0mm	0.8mm	1.4mm

Forecast for Friday 24 Sep 2021

Weather: Patchy low cloud across the park during the morning, with more fair weather cloud developing during the afternoon. Possibly some outbreaks of drizzle at times, most likely towards the north west, whereas sunny spells are more likely towards the south of the park. Winds breezy but lighter than yesterday, feeling warmer again.

Maximum wind: Westerly 30mph.

Chance of cloud free mountain/hill tops above 600m: 40% in the morning, increasing to 80% in the afternoon.

Visibility: Poor at times in low cloud base 500-600m and outbreaks of drizzle. Moderate to good outside of cloud and drizzle.

Temperature: **Valleys:** Plus 12 Celsius increasing to 18 Celsius.
At 600m: Plus 12 Celsius increasing to 15 Celsius.
Freezing level: Above summits

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